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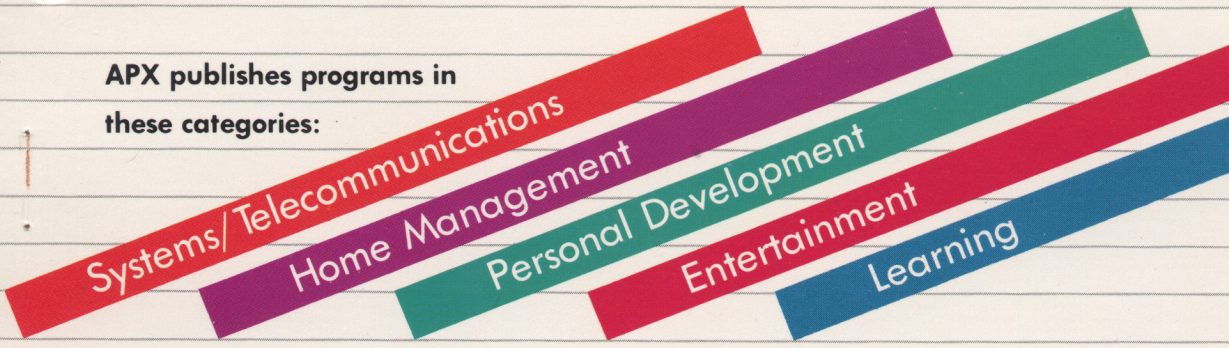

NATIONAL FLAGS

LEARNING

Colorful entertainment that teaches you about the nations of the world

(ages 8 and up)

by Paul Nicholls

Requires: ATARI BASIC Language Cartridge

Cassette version (1) ATARI 410 or 1010 Program Recorder
(APX-10167) 32K RAM

Diskette version (1) ATARI 810 or 1050 Disk Drive
(APX-20167) 40K RAM

Edition A

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Introduction

OVERVIEW

NATIONAL FLAGS is a colorful game that teaches you to identify the flags of the nations of the world.

The main function of flags is social communication. They represent the existence, presence, origin, authority, possession, loyalty, glory, beliefs, and objectives of an entire nation. Some countries suggest through their symbols the importance of agriculture, industrialization, flora, fauna, dynasties, unity, liberty, justice, democracy, progress, victory, the sun, the sky, the sea, or religion as their hope for the future.

To get to know these important symbols, you can display a flag on the screen and read the accompanying information about that nation's currency, capital, and population. When you're growing more proficient, you can take a quiz, either on the flags of the nations of the whole world or one specific region: Africa, the Americas, the Middle East, Europe, or Asia-Pacific. You'll be surprised how colorful and unusual some of these flags are!

The world list, including 168 different nations, will challenge even the most advanced student of geography.

REQUIRED ACCESSORIES

ATARI BASIC Language Cartridge

Cassette version

ATARI 410 or 1010 Program Recorder
32K RAM

Diskette version

ATARI 810 or 1050 Disk Drive
40K RAM

CONTACTING THE AUTHOR

Users wishing to contact the author may write to him at:

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33 Alexandra Ave.
Taringa, 4068
Queensland, Australia

LOADING NATIONAL FLAGS INTO COMPUTER MEMORY

1. Insert the ATARI BASIC Language Cartridge in the cartridge slot of your computer.

2. If you have the cassette version of NATIONAL FLAGS:

   a. Have your computer turned OFF.

   b. Turn on your TV set.

   c. Insert the NATIONAL FLAGS cassette into the program recorder's cassette holder and press REWIND on the recorder until the tape rewinds completely. Then press PLAY to prepare the program recorder for loading the program.

   d. Turn on the computer while holding down the START key.

   e. When you hear a beep, release the START key and press the RETURN key. The program will load into computer memory and start automatically.

If you have the diskette version of NATIONAL FLAGS:

   a. Have your computer turned OFF.

   b. Turn on your disk drive.

   C. When the BUSY light goes out, open the disk drive door and insert the NATIONAL FLAGS diskette with the label in the lower right-hand corner nearest to you. Close the door.

   c. Turn on your computer and TV set. The

program will load into computer memory and start automatically.

THE FIRST DISPLAY SCREEN

When the program has loaded into computer memory, the following line appears at the top of the screen:

```
NATIONAL FLAGS
  0          0%
```

-The middle of the screen is blank. When you're playing the game, this is where the flags will be displayed. At the bottom of the screen, you see this information:

```
COPYRIGHT 1982 (C) PAUL NICHOLLS
     WORLD            GAME
     OPTION           SELECT
```

CHOOSING GAME OPTIONS

You can work on flags from one of five specific geographic regions, or the whole world (with 168 flags chosen in random sequence). Press the OPTION key to change the display from WORLD to each of the regions: the Americas, Europe, Asia-Pacific, Middle East (including the Indian Ocean) and Africa. Then only the flags of that region will be displayed in random sequence.

Press SELECT to choose GAME, SEARCH, or DISPLAY. Each of these is described below.

STARTING THE GAME

After you've made your choices, press the START key. The game begins and the flags appear in the middle section of the screen.

THREE WAYS TO USE THE PROGRAM

Display

Flags appear in random order. At the bottom of the screen you see information about the country represented by each flag. You don't have to respond. This is a good way to become familiar with the flags.

Search

This allows you to display the flags you choose. After you press the START key, you see this prompt:

SELECT COUNTRY?__

Type the name of the country whose flag you wish to see. The program takes up to 30 seconds to

search for your flag.

If a match is found the flag is displayed along with its clues. If the program can't find the country you typed, it displays this prompt:

PLEASE CHECK SPELLING

When you're ready to go on to another country's flag, press the SPACE BAR.

Game

The program displays a flag and this prompt below it:

GUESS FLAG 1

Type the country the flag represents and press the RETURN key. (Or, if you have no idea of the country, and want a hint, just press the RETURN key.) If your answer is correct, all the clues for that flag are displayed. If your answer is incorrect you see a clue. The prompt, "GUESS FLAG 1" reappears. Type another answer. If you're wrong, another clue appears. You have a maximum of five guesses. If your fifth try is incorrect, the program gives you the name of the country.

Press the SPACE bar when you're ready to continue with another flag.

SCORING

When you're playing the game, your score is displayed at the top of the screen. It's updated after each flag. The number on the left is a cumulative score. The number to the right is a percentage score indicating your success rate so far.

If you guess the correct answer without any help from clues you receive 5 points. For each clue you need, one point is deducted from your score. For

example, one clue scores 4 points, and two clues scores 3 points. If you have five incorrect answers, no points are scored and your percentage drops.

CLUES

When you're playing the game, and you need more than one try to answer correctly, the clues are given in this order:

1. LOCATION (e.g. Africa)
2. POPULATION (in millions)
3. CURRENCY (e.g., rupee)
4. CAPITAL (e.g. Canberra)

LIMITATIONS OF YOUR ANSWERS

You can't use abbreviations (for example, the program won't accept "U.S.S.R." for Soviet Union).

Some countries are known by more than one name, For example, the United Kingdom and Great Britain are both correct answers. But the program doesn't accept "England" since it's a different geographical area with a different flag.

You can also type the name of the country in the major language of that country. For example, instead of Sweden, you can answer with "Sverige".

If a country no longer uses a name, it's incorrect. You can't use Ceylon for Sri Lanka, Siam for Thailand, or Rhodesia for Zimbabwe.

ACCURACY OF THE GRAPHICS

NATIONAL FLAGS is displayed on a 160 x 78 grid. Stars, circles and diagonal lines are displayed with less resolution than horizontal or vertical lines because of the size and shape of the pixels. Flags also have different dimensions (e.g., 3 X 1 or 8 X 5). They're displayed in proportion.

The edges of the screen are usually black. Colors are chosen as accurately as possible but they may vary with the adjustment of the television set you use.

TYPES OF FLAGS

There are many types of flags, such as civil, state, war, civil ensign, state ensign, war ensign, royal, presidential, and prime minister's.

Some countries have as many as four or five national flags for different occasions. Argentina has a civil flag with blue, white and blue horizontal stripes. Its state and war flag has the "Sun of May" in the center. Japan's civil and state flag is a large red disc on a white background. Its war flag is the Rising Sun.

SUMMARY OF COUNTRIES AND CLUES

This table is included as a guide to the clues in the program. The facts are constantly changing. Countries adopt new names, populations increase, new currencies circulate, and capitals acquire new names.

COUNTRY	LOCATION	POPULATION	CURRENCY	CAPITAL
Afghanistan	Asia	16	Afghani	Kabul
Albania/Shqiperia	Europe	2.8	Lek	Tirana
Algeria/Al Djazair	Africa	20	Dinar	Algiers
Andorra	Europe	0.02	Franc & Peseta	Andorra la Vella
Angola	Africa	7	Kwanza	Luanda
Antigua	Carribean Sea	0.1	Dollar	Saint John's
Argentina	South America	28	Peso	Buenos Aires
Australia	Pacific	15	Dollar	Canberra
Austria/Osterreich	Europe	7.5	Schilling	Vienna
Bahamas, The	Carribean Sea	0.3	Dollar	Nassau
Bahrain	Middle East	0.4	Dinar	Manama
Bangladesh	Asia	93	Taka	Dacca
Barbados	Carribean Sea	0.3	Dollar	Bridgetown
Belguim/Belgique/Belgie	Europe	9.9	Franc	Brussels
Belize	Cent. America	0.2	Dollar	Belmopan
Benin	Africa	3.8	Franc	Porto-Novo
Bolivia	South America	5.6	Peso	La Paz & Sucre
Botswana	Africa	0.9	Pula	Gaborone
Brazil/Brasil	South America	122	Cruzeiro	Brasilia
Brunei	Asia	0.2	Dollar	Brunei
Bulgaria/Bulgariya	Europe	8.9	Lev	Sofia
Burma/Myanma	Asia	37	Kyat	Rangoon
Burundi	Africa	4.4	Franc	Bujumbura
Cameroon/Cameroun	Africa	8.9	Franc	Yaounde
Canada	North America	24	Dollar	Ottawa
Cape Verde/Cabo Verde	Africa	0.3	Escudo	Praia
Central Africa Empire/Empire Centrafricain	Africa	2.4	Franc	Bangui
Chad/Tchad	Africa	4.6	Franc	N'Djamena
Chile	South America	11	Peso	Santiago
China/Zhongguo	Asia	1008	Yuan	Beijing
Colombia	South America	28	Peso	Bogota
Comoros/Comores	Indian Ocean	0.4	Franc	Moroni
Congo	Africa	1.6	Franc	Brazzaville
Costa Rica	Cent. America	2.3	Colon	San Jose
Cuba	Carribean Sea	9.8	Peso	Havana
Cyprus/Kupros/Kibris	Middle East	0.6	Pound	Nicosia
Czeckoslovakia/Ceskoslovensko	Europe	15	Koruna	Prague

Denmark/Danmark	Europe	5.1	Krone	Copenhagen
Djibouti	Africa	0.5	Franc	Djibouti
Dominica	Carribean Sea	0.1	Dollar	Roseau
Dominican Republic	Carribean Sea	5.7	Peso	Santo Domingo
East Germany/Ost Deutschland	Europe	17	Mark	Berlin
Ecuador	South America	8.5	Sucre	Quito
Egypt/Misr	Africa	44	Pound	Cairo
El Salvador	Cent. America	5	Colon	San Salvador
Equatorial Guinea/Guinea Ecuatorial	Africa	0.3	Ekuele	Malabo
Ethiopia/Etiopiya	Africa	31	Birr	Addis Ababa
Fiji	Pacific Ocean	0.7	Dollar	Suva
Finland/Suomi	Europe	4.8	Markka	Helsinki
France	Europe	54	Franc	Paris
Gabon	Africa	0.7	Franc	Libreville
Gambia, The	Africa	0.6	Dalasi	Banjul
Ghana	Africa	12	Cedi	Accra
Greece/Hellas	Europe	9.7	Drachma	Athens
Grenada	Carribean Sea	0.1	Dollar	Saint George's
Guatemala	Cent. America	7.7	Quetzal	Guatemala City
Guinea/Guinee	Africa	5.3	Syli	Conakry
Guinea - Bissau	Africa	0.8	Peso	Bissau
Guyana	South America	0.9	Dollar	Georgetown
Haiti	Carribean Sea	6.1	Gourde	Port-au-Prince
Honduras	Cent. America	4	Lempira	Tegucigalpa
Hungary/Magyar	Europe	11	Forint	Budapest
Iceland/Island	Europe	0.2	Krona	Reykjavik
India/Bharat	Asia	714	Rupee	New Delhi
Indonesia	Asia	151	Rupiah	Jakarta
Iran	Middle East	41	Rial	Teheran
Iraq	Middle East	14	Dinar	Baghdad
Ireland/Eire	Europe	3.4	Pound	Dublin
Israel/Israil	Middle East	4.1	Shekel	Jerusalem
Italy/Italia	Europe	57	Lira	Rome
Ivory Coast/Cote D'Ivoire	Africa	8.8	Franc	Abidjan
Jamaica	Carribean Sea	2.2	Dollar	Kingston
Japan/Nihon	Asia	118	Yen	Tokyo
Jordan/Al Urdun	Middle East	3.5	Dinar	Amman
Kampuchea/Cambodia	Asia	6.1	Riel	Phnom Penh
Kenya	Africa	18	Shilling	Nairobi
Kiribati	Pacific Ocean	0.06	Dollar	Bairaki

Kuwait/Al Kuwayt	Middle East	1.5	Dinar	Kuwait
Laos/Lao	Asia	3.7	New Kip	Vientiane
Lebanon/Lubnan	Middle East	2.7	Pound	Beirut
Lesotho	Africa	1.4	Loti	Maseru
Liberia	Africa	2	Dollar	Monrovia
Libya/Libiya	Africa	3.2	Dinar	Tripoli
Liechtenstein	Europe	0.03	Franc	Vaduz
Luxembourg/Luxemburg	Europe	0.4	Franc	Luxembourg
Malagasy Republic/Madagascar	Indian Ocean	9.2	Franc	Tananarive
Malawi	Africa	6.6	Kwatchi	Lilongwe
Malaysia	Asia	14	Ringgit	Kuala Lumpur
Maldives/Divehi	Indian Ocean	0.2	Rupee	Male
Mali	Africa	7.1	Franc	Bamako
Malta	Europe	0.4	Pound	Valletta
Mauritania/Muritaniya/Mauritanie	Africa	1.7	Ouguiya	Nouakchott
Mauritius	Indian Ocean	1	Rupee	Port Louis
Mexico	Cent. America	69	Peso	Mexico City
Monaco	Europe	0.03	Franc	Monaco
Mongolia/Monggol	Asia	1.8	Tighrik	Ulan Bator
Morocco/Al Magrib	Africa	22	Dirham	Rabat
Mozambique/Mocambique	Africa	12	Metical	Maputo
Nauru/Naoero	Pacific Ocean	0.01	Dollar	Yaren
Nepal	Asia	14	Rupee	Kathmandu
Netherlands/Nederland	Europe	14	Guilder	Amsterdam & The Hague
New Zealand	Pacific Ocean	3.1	Dollar	Wellington
Nicaragua	Cent. America	2.6	Cordoba	Managua
Niger	Africa	5.8	Franc	Niamey
Nigeria	Africa	82	Naira	Lagos
North Korea/Pukto Korai	Asia	19	Won	Pyongyang
North Yemen/Yemen San'a	Middle East	5.5	Rial	Sana
Norway/Norge/Noreg	Europe	4.1	Krone	Oslo
Oman/Uman	Middle East	0.9	Rial	Muscat
Pakistan	Asia	93	Rupee	Islamabad
Panama	Cent. America	1.9	Balboa	Panama City
Papua New Guinea	Pacific Ocean	3.3	Kina	Port Moresby
Paraguay	South America	3.3	Guarani	Asuncion
Peru	South America	18	Sol	Lima
Philippines/Philipinas	Asia	51	Peso	Manila
Poland/Polska	Europe	36	Zloty	Warsaw
Portugal	Europe	10	Escudo	Lisbon
Qatar	Middle East	0.3	Riyal	Doha
Romania/Rumania	Europe	22	Leu	Bucharest

Rwanda	Africa	5.4	Franc	Kigali
Saint Christopher Nevis/ St. Kitts				
	Carribean Sea	0.06	Dollar	Basseterre
Saint Lucia	Carribean Sea	0.1	Dollar	Castries
Saint Vincent	Carribean Sea	0.1	Dollar	Kingstown
San Marino	Europe	0.02	Lira	San Marino
Sao Tome & Principe	Africa	0.1	Dobra	Sao Tome
Saudi Arabia	Middle East	11	Riyal	Riyadh
Senegal	Africa	5.9	Franc	Dakar
Seychelles	Indian Ocean	0.1	Rupee	Victoria
Sierra Leone	Africa	3.7	Leone	Freetown
Singapore/Singapura/Hsin-Chia-P'o				
	Asia	2.5	Dollar	Singapore
Solomon Islands	Pacific Ocean	0.2	Dollar	Honiara
Somalia/Soomaaliya	Africa	4.6	Shilling	Mogadishu
South Africa/Suid Afrika	Africa	24	Rand	Cape Town & Pretoria
South Korea/Namdo Korai	Asia	39	Won	Seoul
South Yemen/Yemen Aden	Middle East	2	Dinar	Aden
Soviet Union/Sovyetskii Soyuz				
	Europe/Asia	270	Ruble	Moscow
Spain/Espana	Europe	38	Peseta	Madrid
Sri Lanka	Asia	15	Rupee	Colombo
Sudan	Africa	20	Pound	Khartoum
Surinam/Suriname	South America	0.4	Guilder	Paramaribo
Swaziland	Africa	0.6	Emalangeni	Mbabane
Sweden/Sverige	Europe	8.3	Krona	Stockholm
Switzerland/Schweiz/Suisse/Svizzera				
	Europe	6.3	Franc	Bern
Syria/Suriyah	Middle East	9.7	Pound	Damascus
Taiwan/China/Chung Kuo	Asia	18	Dollar	Taipei
Tanzania	Africa	20	Shilling	Dar es Salaam
Thailand/Muang Tai	Asia	49	Baht	Bangkok
Togo	Africa	2.8	Franc	Lome
Tonga	Pacific Ocean	0.1	Pa'anga	Nuku'alofa
Trinada & Tobago	Carribean Sea	1.2	Dollar	Port-of-Spain
Tunisia/Tunis	Africa	6.7	Dinar	Tunis
Turkey/Turkiye	Middle East	46	Lira	Ankara
Tuvalu	Pacific Ocean	0.01	Dollar	Funafuti
Uganda	Africa	14	Shilling	Kampala
United Arab Emirates	Middle East	1.2	Dirham	Abu Dhabi
United Kingdom/Great Britain				
	Europe	56	Pound	London
United States	North America	227	Dollar	Washington
Upper Volta/Haute-Volta				

	Africa	7.1	Franc	Ouagadougou
Uruguay	South Africa	3	Peso	Montevideo
Vanuatu	Pacific Ocean	0.1	Vatu	Vila
Venezuela	South America	18	Bolivar	Caracas
Vietnam	Asia	56	Dong	Hanoi
West Germany/West Deutschland	Europe	61	Mark	Bonn
Western Samoa/Samoa I Sisifo	Pacific Ocean	0.2	Tala	Apia
Yugoslavia/Jugoslavija	Europe	23	Dinar	Belgrade
Zaire	Africa	30	Zaire	Kinshasa
Zambia	Africa	6	Kwacha	Lusaka
Zimbabwe	Africa	7.6	Dollar	Harare

APX ATARI Program Exchange
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Review Form

We're interested in your experiences with APX programs and documentation, both favorable and unfavorable. Many of our authors are eager to improve their programs if they know what you want. And, of course, we want to know about any bugs that slipped by us, so that the author can fix them. We also want to know whether our instructions are meeting your needs. You are our best source for suggesting improvements! Please help us by taking a moment to fill in this review sheet. Fold the sheet in thirds and seal it so that the address on the bottom of the back becomes the envelope front. Thank you for helping us!

1. Name and APX number of program.

National Flags (167)

2. If you have problems using the program, please describe them here.

3. What do you especially like about this program?

4. What do you think the program's weaknesses are?

5. How can the catalog description be more accurate or comprehensive?

6. On a scale of 1 to 10, 1 being "poor" and 10 being "excellent", please rate the following aspects of this program:

_____ Easy to use
_____ User-oriented (e.g., menus, prompts, clear language)
_____ Enjoyable
_____ Self-instructive
_____ Use (non-game programs)
_____ Imaginative graphics and sound

7. Describe any technical errors you found in the user instructions (please give page numbers).

8. What did you especially like about the user instructions?

9. What revisions or additions would improve these instructions?

10. On a scale of 1 to 10, 1 representing "poor" and 10 representing "excellent", how would you rate the user instructions and why?

11. Other comments about the program or user instructions:

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[seal here]